



Recombinant Pyrimidine monooxygenase RutA (rutA)

Product Code	CSB-YP820256EOD
Abbreviation	rutA
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8XAU1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	≥85% (SDS-PAGE)
Sequence	MQNAAPRLTF TLRDEERLMM KIGVFPIGN NGWLSTHAP QYMPTFELNK AIVQKAEHYH FDFALSMIKL RGFGGKTEFW DHNLESFTLM AGLAAVTSRI QIYATAATLT LPPAIVARMA ATIDSISGGR FGVNLVTGWQ KPEYEQMGIW PGDDYFSRRY DYLTEYVQVL RDLWGTGKSD FKGDFFTMND CRVSPQPSVP MKVICAGQSD AGMAFSAQYA DFNFCFGKGV NPTAFAPTA ARMKQAAEQT GRDVGSYVLF MVIADETDDA ARAKWEHYKA GADEEALSWL TEQSQKDTRS GTDTNVRQMA DPTSAVNINM GTLVGSYASV ARMLDEVASV PGAEGVLLTF DDFLSGIETF GERIQPLMQC RAHLPVLTQE VA
Source	Yeast
Target Names	rutA
Protein Names	Recommended name: Pyrimidine monooxygenase RutA EC= 1.14.14.n1
Expression Region	1-382
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.